

| Application No. | 09/437,764 |
|------------------------|------------------|
| Filing Date | November 9, 1999 |
| First Named Inventor | Louis C. Yun |
| Art Unit | 2662 |
| Examiner Name | J. Logsdon |
| Attorney Docket Number | 15685P032 |

Date

February 17, 2004

| ENCLOSURES (check all that apply) | | | | | | | |
|--|--|----------------------------------|---|---|--|--|--|
| Fee Transmittal | Form | Drawing(s) | | After Allowance Communication to Group | | | |
| Fee Attac | ched | Licensing-rela | ated Papers | Appeal Communication to Board of Appeals and Interferences | | | |
| Amendment / R | esponse | Petition | | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | | | |
| After Fina | al /declaration(s) | Petition to Co Provisional Ap | nvert a oplication | Proprietary Information | | | |
| Extension of Tin | • , | Power of Atto Change of Co | rney, Revocation prrespondence Address | Status Letter | | | |
| | onment Request | Terminal Disclaimer | | Other Enclosure(s) (please identify below): | | | |
| Information Disc | closure Statement | Request for Refund | | - return postcard | | | |
| PTO/SB/ | 08 | CD, Number of CD(s) | | | | | |
| Certified Copy of Document(s) | of Priority | | | | | | |
| Response to Mi Incomplete App | Response to Missing Parts/ Incomplete Application | | | RECEIVED | | | |
| Basic | Filing Fee | | | , ILOLIVLP | | | |
| Decla | aration/POA | 1 | | FEB 2 3 2004 | | | |
| l | Response to Missing Parts under 37 CFR 1.52 or 1.53 Technology Center 26 | | | | | | |
| | SIGNATUR | E OF APPLICANT | , ATTORNEY, OR AC | SENT | | | |
| Firm | Gregory D. Cal | dwell, Reg. No. | 39,926 | | | | |
| or Individual name BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP | | | | | | | |
| Signature | | | | | | | |
| Date February 17, 2004 | | | | | | | |
| CERTIFICATE OF MAILING/TRANSMISSION | | | | | | | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | | | | | | | |
| Typed or printed name Derek S. Watson | | | | | | | |

Signature



(\$)

FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

| С | omplete if Known |
|----------------------|------------------|
| Application Number | 09/437,764 |
| Filing Date | November 9, 1999 |
| First Named Inventor | Louis C. Yun |
| Examiner Name | J. Logsdon |
| Art Unit | 2662 EECEI/E |
| Attorney Docket No. | 15685P032 |

| Check Credit card Oher | METHOD OF PAYMENT (check all that apply) | | | | FE | E CALCULATION (continued)FEB 2 | 3 2004 |
|---|---|------------------|-------------|----------|---------|---|--------------|
| Deposit Account | | 3. AI | ODITIO | NAL | FEES | | |
| Deposit Account | - Order | | | | | Technolog | y Center 460 |
| Deposit Account Deposit Account Blakely, Sokoloff, Taylor & Zafman LLP 1052 502 2051 65 Surcharge- late filing fee or over inherit. 1052 502 2052 25 Surcharge- late filing fee or over inherit. 1052 502 2052 25 Surcharge- late filing fee or over inherit. 1052 502 2052 25 Surcharge- late filing fee or over inherit. 1052 502 1052 250 250 1052 2 | Deposit Account | | | | | | |
| Account Number | _ Deposit | | | | | Fee Description | Fee Paid |
| Disposition Blakely, Sokoloff, Taylor & Zafman LLP 1052 50 2052 25 Surcharge- late provisional filing fee or cover sheet. 2053 130 1 | Account 02-2666 | 1051 | 130 | 2051 | 65 | • | |
| The Commissioner is authorized tor (check all that apply) □ Charge fee(s) indicated below □ Charge any additional fee(s) or underpayment of fees as required under 37 □ Charge any additional fee(s) or underpayment of fees as required under 37 □ Charge fee(s) indicated below. Succept for the filling fee □ the below-eventhed appeal account ■ FEE CALCULATION 1. BASIC Filling FEE Large Entity Fee Fee Fee Fee Fee Fee Fee Beascriation 1001 770 1001 385 Utility filling fee 1003 530 2003 265 Plant filling fee 1004 770 2001 385 Reissue filling fee 1004 770 2004 385 Reissue filling fee 1005 100 500 80 Provisional filling fee 1005 100 500 80 Provisional filling fee 1005 100 500 80 Provisional filling fee 1006 Claims SUBTOTAL (1) ■ Substotial (2) ■ Campilar Market (2) | Deposit | | | | | Surcharge - late provisional filing fee or | |
| Charge feels indicated below Credit any overpayments 1804 920 1806 920 1807 | Name Blakely, Sokoloff, Taylor & Zafman LLP | 2053 | 130 | 2053 | 130 | Non-English specification | |
| Charge feety placetable above TEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Each Scribtlen Code (8) Code (8) Code (9) Code (9) Code (10) | The Commissioner is authorized to:(check all that apply) | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| Section Sec | ☐ Charge fee(s) indicated below ☐ Credit any overpayments | 1804 | 920* | 1804 | 920 * | | |
| Charge feets) indicated below, accept for the filing fee on the above dentified deposit account 1251 110 2251 55 55 55 55 55 55 | | | 4 940* | | 4 040 * | | |
| 10 | CFR 93 1.10, 1.17, 1.10 and 1.20. | 1805 | 1,840 - | 1805 | 1,840 | | |
| 1. BASIC FILING FEE Large Entity Small Entity | | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC FILING FEE Large Entity Small Entity | FEE CALCULATION | 1 | 420 | ļ. | 210 | Extension for reply within second month | |
| 1254 1.480 2254 740 Extension for reply within fourth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.210 2255 665 Extension for reply within fifth month 1255 1.225 1255 | | 4 | | | 475 | Extension for reply within third month | |
| Fee | | | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1001 770 2001 385 Utility filing fee 1404 330 2401 165 Notice of Appeal 1402 330 2402 165 Filing a brief in support of an appeal 1402 330 2402 165 Filing a brief in support of an appeal 1403 2403 145 Request for oral hearing 1403 2403 140 1403 | | 1255 | 1,210 | 2255 | 605 | Extension for reply within fifth month | <u> </u> |
| 1002 340 2002 170 Design filing fee 1402 330 2402 185 Filing a brief in support of an appeal 1403 290 2403 145 Request for oral hearing 1403 290 2403 145 Request for oral hearing 1405 1510 2452 55 Petition to institute a public use proceeding 1451 1,510 2452 55 Petition to revive - unintentional 1451 1,510 2452 55 Petition to revive - unintentional 1453 1,330 2501 685 Delition to revive - unintentional 1453 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 685 Delition to revive - unintentional 1501 1,330 2501 2400 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 8040 330 Plant issue fee 1504 807 807 807 807 807 | | 1404 | 330 | 2401 | 165 | Notice of Appeal | |
| 1003 530 2003 265 Plant filing fee 1403 290 2403 145 Request for oral hearing 1451 1,510 2451 1,51 | | 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1003 5.00 2003 265 Plaint luring fee 1004 770 2004 385 Reissue fling fee 1451 1,510 2451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unavoidable 1501 1,330 2501 665 Uillity issue fee 1501 1,330 2501 665 Uillity issue fee 1501 1,330 2501 665 Uillity issue fee 1501 1,330 2501 2502 240 Design issue fee 1460 130 2460 130 Petitions to the Commissioner 1460 130 Petitions to the C | | 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2450 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 2503 2503 2503 2503 | 1 | | 1,510 | 2451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (5) | | | 110 | | 55 | Petition to revive - unavoidable | |
| 2. EXTRA CLAIM FEES Extra Fee from below Fee Paid 1502 | | | 1,330 | | 665 | Petition to revive - unintentional | |
| 2. EXTRA CLAIM FEES Extra Fee from below Fee Paid Total Claims | SUBTOTAL (1) (\$) | | 1,330 | | 665 | Utility issue fee (or reissue) | |
| Total Claims Independent Indep | 2 EXTRA CLAIM FEES. | - | 480 | | 240 | Design issue fee | |
| Independent Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description Code (\$) (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claims over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) "To roumber previously paid, if greater, For Reissues, see below Nultiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1808 180 1806 180 Submission of Information Disclosure Stmt 8021 40 8021 40 Recording each patent assignment per property (limes number of properties) 1809 770 1809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1809 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770 2810 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application "Reduced by Basic Filing Fee Paid SUBTOTAL (3) "Reduced by Basic Filing Fee Paid SUBTOTAL (3) "Complete (if examination) 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination of a design application 1801 770 2801 385 Request for expedited examination 1801 770 2801 385 Request for expedited examination 1802 900 1802 900 Request for expedited examination 1803 900 1802 900 Request for expedited examination 1804 900 900 800 900 800 900 | | 1503 | 640 | 2503 | 320 | Plant issue fee | <u> </u> |
| Multiple Dependent Small Entity | Total Claims Z3 = X = | 1460 | 130 | 2460 | 130 | Petitions to the Commissioner | |
| Multiple Dependent Large Entity Small Entity Small Entity Fee Fee Fee Fee Fee Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claims over original patent 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) **Reduced by Basic Filing Fee Paid **Reduced by Basic Filing Fee Paid **Reduced by Basic Filing Fee Paid **Complete (\$5 or patients) 1806 180 Submission of Information Disclosure Stmt 8021 40 Recording each patent assignment per property (times number of properties) 1802 770 1809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid **Reduced by Basic Filing Fee Paid **Complete (\$5 or patients) **Complete (\$5 or patients) | Independent | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| Fee Fee Fee Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1202 290 2203 145 Multiple Dependent claims over original patent 1204 86 2204 43 "Reissue independent claims over original patent SUBTOTAL (2) (\$) 1809 385 Filing a submission after final rejection (37 CFR § 1.129(a)) 1809 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1800 385 For each additional invention to be examined (37 CFR § 1.129(b)) 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) *Reduced by Basic Filing Fee Paid **Complete (if explicable) | | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| Fee | Large Entity Small Entity | 8021 | 40 | 8021 | 40 | Recording each patent assignment per | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent 1802 900 1802 900 Request for Continued Examination of a design application 1802 900 1802 900 Reduced by Basic Filing Fee Paid 1804 SUBTOTAL (3) (\$) | Fee Fee Fee Fee Description | | | | | property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent 1205 18 2205 9 **Reduced by Basic Filing Fee Paid 1802 900 1802 900 1802 900 1802 900 Request for expedited examination of a design application 1801 770 1802 900 Reduced by Basic Filing Fee Paid 1802 900 1802 900 1802 900 Reduced by Basic Filing Fee Paid 1802 900 1802 900 1802 900 1802 900 1802 900 Reduced by Basic Filing Fee Paid 1802 900 1802 90 | Code (\$) Code (\$) | 1809 | 770 | 1809 | 385 | | |
| 1203 290 2203 145 Multiple Dependent claims in excess of 30 examined (37 CFR § 1.129(b)) 1204 86 2204 43 "*Reissue independent claims over original patent | | 4040 | 770 | 2010 | 205 | | |
| 1204 86 2204 43 **Reissue independent claims over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) SUBTOTAL (3) (\$) | · | 1810 | 170 | 2010 | 383 | | |
| 1204 86 2204 43 **Reissue independent claims over original patent 1802 900 1802 900 Request for expedited examination of a design application Other fee (specify) **Subtotal (2) (\$) **Reduced by Basic Filing Fee Paid Subtotal (3) (\$) **Complete (if explicable) | | 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) "or number previously paid, if greater, For Reissues, see below Complete (if explicable) | | 1802 | 900 | 1802 | 900 | | |
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| Complete (if continue) | | * Reduce | d by Basic | Filing F | ee Paid | SUBTOTAL (3) (\$) | |
| SUBMITTED BY Complete (if applicable) | | <u> </u> | | | | | |
| | SUBMITTED BY | 7) LD | aietrati | on Mo | _ | | - |

| SUBMITTED B | Υ | | Complete (if applicable) | | | |
|-------------------|---------------------|---------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Gregory D. Caldwell | 0/1/1/ | Registration No. (Attorney/Agent) | 39,926 | Telephone | (503) 684-6200 |
| Signature | | JAKEN . | | | Date | 02/17/04 |